

G0426-200  
2000P07837US01REMARKS

Applicant thanks the Examiner for the remarks and analysis contained in the Office Action.

Claims 1, 9 and 12 are amended. Claims 4 and 11 have been cancelled. New claims 21-27 are added. Applicant respectfully requests reconsideration of this application where claims 1-3, 6, 9, 10, 12, 14, 15 and 21-27 are pending.

Applicant respectfully submits that there is no *prima facie* case of obviousness against claims 1 or 9 based upon the proposed combination of the *Ghabra, et al.* and *Schuermann* references. The *Schuermann* reference teaches a sequence of operation that is the opposite of what is recited in claims 1 and 9. The *Schuermann* reference requires using a log signal detector 32, which is a selective amplifier circuit shown as part of an FSK demodulator 58 to provide a signal indicating whether an FSK signal was received. For that arrangement to work, the FSK demodulator must be used first. Claims 1 and 9 recite an arrangement where an ASK demodulator is used first. It cannot be considered obvious to modify a reference in a manner that is the opposite of what that reference teaches. There is no motivation for going directly contrary to the teachings of the *Schuermann* reference and there is no *prima facie* case of obviousness against claims 1 or 9.

Applicant respectfully submits that new claim 23, which is supported by at least paragraph 28 of the specification on page 5, includes an arrangement that is nowhere suggested within the *Ghabra, et al.* or *Schuermann* references.

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Applicant respectfully submits that new claim 24, which is supported by at least paragraphs 24 and 29 on pages 4 and 5 of the specification, includes an arrangement that is nowhere suggested within either *Ghabra, et al.* or *Schuermann*.

Applicant believes that this case is on condition for allowance.

Applicant believes that additional fees in the amount of \$200.00 are required for one independent claim in excess of three. The Commissioner is authorized to charge Deposit Account No. 50-1482 in the name of Carlson, Gaskey & Olds in the amount of \$200.00, as well as for any additional fees or credit the account for any overpayment.

Respectfully submitted,

CARLSON, GASKEY & OLDS

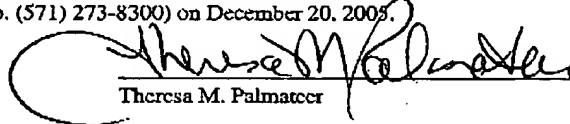
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Dated: December 20, 2005

**CERTIFICATE OF FACSIMILE**

I hereby certify that this Response relative to Application Serial No. 09/935,199, is being facsimile transmitted to the Patent and Trademark Office (Fax No. (571) 273-8300) on December 20, 2005.

  
Theresa M. Palmatier

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